GRANT PACKAGE REVIEW CHECKLIST

PPS Shopping Cart Number 1000013393

S&T Code: 311 S&T POC/Phone Number: Knox Millsaps

Reviewer's Name: Luke Bill

You have been assigned a grant package. The following outlines the steps and processes for reviewing a grant package:

ITEM	INCLUDED	INSTRUCTIONS
1. Shopping Cart (SC) – Go to ERP Portal: https://ep.erp.navy.mil/irj/portal	Yes ⊠ No □	PIC #1 Open PPS Portal-click on the ONR PPS tab.
		PICs #2-3 To view and print your PR/PO Summary Report, Click on the Intermediate Screen for Grants/FBO icon- Click on the PR/PO Summary Report: Tick the radio button next to Single, type in Shopping Cart number on the Purchase Requisition Number-Generate Report-Convert to Adobe PDF
		PIC #4 Sample PR/PO Summary Report attached (3 pages long)
		PICs #5-6 Save a copy of the PR/PO Summary Report as a PDF using the last 5 digits of the Shopping Cart Number. This will need to be uploaded to PPS later after the PO has been created.
2. Purchase Order (PO) Creation	Yes ⊠No □	PIC #7 To create a PO-click Purchasing tab located on top, a selection of options will pop up on the left side of the screen. Click on the 2 nd option called Purchasing tab. Click on All (#) next to Purchase Orders and select Carry out Sourcing on left. A new window titled, "Assign Sources of Supply will open up in a separate window.

		PIC #8 Step 1 (Select Requisition), enter SC# (this can be found on the PR/PO Summary Report), it will be a 10-digit number beginning with the number "1". Click "Search". PIC #9 Click "Select All" to highlight the items below in blue. Click "Next" at the top to move to Step 2 (Assign Sources of Supply). PIC #10 Click "Expand All". Verify supplier is the same on all non-outline lines. There should only be one supplier listed-Critical – check that Supplier Number is populated. Click "Select All." Then click on "Create Draft." The word "Purchase Order" will appear below. PIC #11 Click on "Purchase Order". Verify only one Local Purchase Order line is created. Select "Transaction Type." Click on "ZGRT: Grant Award". Click on "Edit Selected Drafts" at the top, copy down the "Smart Number" and "Purchase Order Number" onto the PR/PO Summary Report. Click "Save".
Your PO is now created; Log on to the below will have to be uploaded in PPS thereafter. P		hots to consolidate in MS Word. This
3. SAM - https://www.sam.gov/SAM/	Yes ⊠No □	PICs #13-16 Log on to SAM, click on View Details and take a screenshot. Copy and Paste on MS Word.
4. FAPIIS <u>FAPIIS</u>	Yes ⊠No □	PICs #17-19 Type in Cage Code or DUNS number; verify that two questions have been answered YES and NO in that order; Copy and Paste on MS Word.
5. EDA https://wawf.eb.mil/	Yes ⊠No □	PICs #20-23 Click on the Contract Load Notification link and enter the Grant Number. Populate the E-mail address, first and

		Principal investigator and the Technical Representative. Ensure that the box is checked next to "Check this box to notify this single list for all contract activity including modifications and delivery orders. Click "Submit"
Upload the following documents to PPS: EDA-FAPIIS-SAM PR/PO Summary Report	Yes ⊠No □	PICs #24-30 Click on the Purchasing Tab icon located on top of the page Click on Purchasing located on the left side of the screen Click on the All link next to Purchase Orders. The Purchase Order Name box will already be pre-populated with the Smart/Grant number since the PO has already been created Scroll down at the bottom of the page and click on the PO number link
You have determined that the PO created is g electronic file package supporting documents		The state of the s
1. RATE AGREEMENTS	Yes ⊠ No □ N/A □	All performers (universities, non-profits & for profits) must furnish a current federally negotiated rate agreement. If agreement is not submitted, specialist or PO must request agreement and uploaded to PPS.
2. Long Range BAA (LRBAA)/Funding Opportunity Announcement (FOA)	Yes ⊠No □	A copy of the announcement should be uploaded to PPS.
3. Technical Evaluation (TE)	Yes ⊠No □	Electronic file should include a copy of the PO's TE. This form is mandatory starting with FY2019 Announcements.
4. Program Office (PO) Checklist	Yes ⊠No □	PO Checklist should be part of the electronic file submission.
5. Tax Liability Certificate	Yes ⊠No □	Tax Cert should be part of the electronic file submission. Both boxes should be marked "is not."
6. Lobbying Certificate and/or Block 17 checked	Yes ⊠No □	Lobbying Cert required for all actions greater than \$100,000 or by completing block 17 of the Application for Federal Assistance, SF 424 R&R, the grant

		applicant is providing the certification on lobbying required by 32 CFR Part 28.
7. SF 424 Grant Application	Yes ⊠No □	Outlines grantee's request.
8. Principal Investigator (PI)/Co-Principal Investigator (Co-PI) Biographies (BIOS)	Yes ⊠No □	Bios should be part of the electronic file submission.
9. Project Abstract / Project Summary	Yes ⊠No □	Part of electronic file submission.
10. Budget / Research and Related Budget	Yes ⊠No □	Part of electronic file submission. Make sure no profit/fee for prime.
11. Key Personnel	Yes ⊠No □	Part of electronic file submission.
12. Other Project Information (Animal, Human & rDNA)Other Project Information (Animal, Human & rDNA) Is Animal, Human Subject Research, or rDNA research proposed?	Yes □No ⊠	If YES: All efforts that involve human, animal, or rDNA research must go to Sevgi Bullock/Code 34 for approval; and legal review is required. Award cannot be issued until all required documentation has been received and approved.)
13. Personal Data / Research and Related Senior Key Person Profile	Yes ⊠No □	Part of electronic file submission.
14. Technical Proposal	Yes ⊠ No □ N/A □	Technical Proposal contains detailed description of effort to be performed and the proposal does not include : data right assertions, deliverables (other than reports), classified work, ITAR and export controls, or profit/fee for prime.
15. Cost Proposal / Budget Justification	Yes ⊠No □	Cost Proposal includes Budget Justification for: Direct labor (labor category, est. effort/time, salary) Indirect rates & cost Equipment (itemized w/associated cost, item over \$5K, provide basis of estimate and vendor quote or contact information) Travel: provide destinations, purpose, duration, # of travelers, and basis of estimate (i.e., past experience, forecast, etc.) Other Direct Costs (ODCs) such as: Consultants with loaded hourly or daily

		rate, materials w/description, publications, tuition, etc.
16. Merged File All documents are in the merged file.	Yes ⊠No □	Part of electronic file submission. Some of the documents outlined above may be part of the merged document and not provided as separate files.
17. Is grant for a conference/workshop/symposium?a. Are there other non-DoD sponsors of the event?b. Does the request include funds to pay for food or beverages?	Yes □No □ Yes □No □ Yes □No □	Conference/workshop/symposium should not be for an ONR, Navy or DoD events. Funds for food and drink NOT allowed.
18. Are options proposed? If yes, base & option tasks, and budget must be defined in the proposal.	Yes □No ⊠	
19. Sub-recipients	Yes □ No ⊠ N/A □	 a. Costs are a separate line item (not included under direct labor), and shall submit a detailed cost proposal along with a budget justification. b. When a Federal Agency acts as a sub-recipient, do not include funding in proposed budget. Send funding directly to Agency via a MIPR. (Contact Code 08/Financial Management)
20. Computer/Laptop Purchases	Yes □ No ⊠ N/A □	For computer/laptop purchases, provide: (1) Justification and statement from the recipient indicating why organization cannot provide computers/laptops and will be an integral part of research effort, and (2) Statement from the Program Officer that the computers/laptops are necessary for the successful completion of the research effort and the cost is reasonable.
21. FUNDING	Yes □No ⊠	Is this proposal funded with non-ONR funding? IF YES, UPLOAD MIPR DOC TO PPS as an attachment.

22. GOVERNMENT FURNISHED	Yes □No ⊠	Is Government Furnished Property
PROPERTY (GFP)		(GFP) proposed and is it to be used in
		this award?
		If yes, Program Office should indicate
		availability of the GFP ON PO
		CHECKLIST.
IF YOU HAVE ANY QUESTIONS ABOUT THIS	S FORM AND/OI	R ITS CONTENT, CONTACT
<u>VANESSA.SEYMOUR@NAVY.MIL</u> OR <u>VERO</u>	NICA.LACEY@1	NAVY.MIL

Notes/Comments:

Go to the ERP Portal Click on *ONR PPS tab*



To view and print the PR/PO Summary Report, click on the *Intermediate Screen for Grants/FBO* icon.

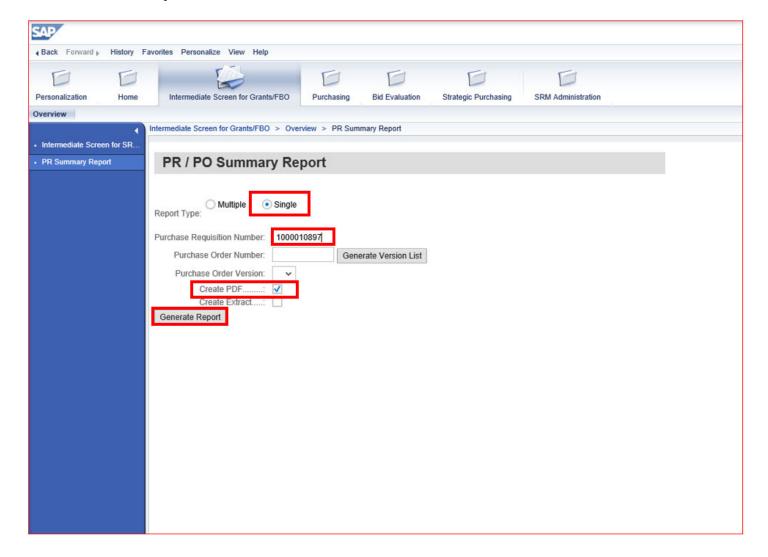
Click on the PR Summary Report tab

Tick the radio button next to Single

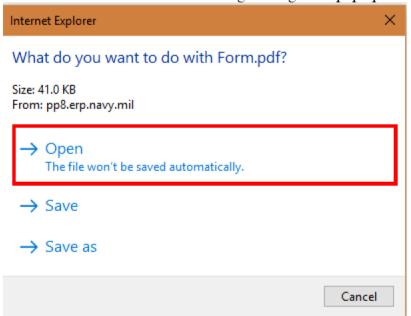
Additional selections will appear. Populate the box next to the Purchase Requisition number

Ensure the box next to Create PDF is ticked

Click on Generate Report



A window that contains the following message will pop up. Click on Open



PIC #4 (3 pages):

PAGE 1 of 3

This is a copy of a PR/PO Summary Report. This will determine the PO creation.

03/21/2019 PR / PO SUMMARY REPORT - 1000010897 Page 1 of 3 pages

PR / PO Number 1000010897

PR / PO Status Approved

PR / PO Approval Date 02/26/2019

Title Instrumentation for Surface Engineered van der Waals Nano electronic Heterostructures

Award Number N/A

Related Award Number N/A

PI Last / First Name Hersam, Mark

Performer Name NORTHWESTERN UNIVERSITY

Performer Number 10222018

Performer Cage Code 39GV5

PO Last / First Name

PO Office Code 312

PO Phone N/A

Acg / Grant Specialist N/A

Award Start Date N/A

Award End Date N/A

Requested Start Date 03/15/2019

Requested End Date 03/14/2020

PR Type NEW

Instrument Type N/A

Grant Tracking Number GRANT12666478

RFx Number N00014-18-S-F007

RFx Response Number 6000005905

Funding to be Obligated

CLIN SLIN ACRN APPN SBHD OBJ BCN SA AAA TT PAA Cost Code

0001 01 1791319 W1HZ 410 00014 0 050120 2D 000000 000027645351

Non Navy Funding

CLIN SLIN ACRN APPN SBHD OBJ BCN SA AAA TT PAA Cost Code Non Navy Station

N/A

WBS / Network

WBS / Network

Title

WBS / Network

Number

PE Amount Status Fund

Source

Material

Group

DURİP BS-900131.11030001000Y19 4119261103 739,851.00 Approved AGRT

Future Funding

Item Type Amount Start Date

N/A 0.00

Total Award Value (b) (4)

Total Obligated by this action (b) (4)

Basis for Selection EXT

Program Type DURIP

Short Work Statement:

Title: Instrumentation for Surface Engineered van der Waals Nano electronic Heterostructures Instrumentation for Surface Engineered van der Waals Nano electronic Heterostructures Objective: To acquire instrumentation for surface engineered van der waals Nano electronic Heterostructures Approach: PI will evaluate, procure and test the instrumentation. Once

PAGE 2 of 3

successfully tested, the instrumentation will be used to carry our research funded by multiple DoD agencies. SOW: PI will procure, install and test the requested instrumentation for proper operation in the relevant experimental settings objective: To acquire instrumentation for surface engineered van der waals Nano electronic Heterostructures Approach: PI will evaluate, procure and test the instrumentation. Once successfully tested, the instrumentation will be used to carry our research funded by multiple DoD agencies. SOW: PI will procure, install and test the requested instrumentation for proper operation in the relevant experimental settings.

Program Notes:

FY19 DURIP Evaluation Sheet:1. The impact of the proposed equipment or instrumentation on research DoD funds, or plans to fund, and/or the likelihood that the proposed equipment or instrumentation will enhance current research capabilities or establish new research capabilities relevant to DoD areas of interest; Outstanding Comments: The proposal builds off of PI#s previous ONR-funded work to fabricate and test a diverse range of surface engineered van der Waals Heterostructures, and is seeking instrumentation that will enable comprehensive electronic, magnetic, and optical characterization of these materials.2. The importance and priority to DoD missions of the research to be supported by the proposed equipment or instrumentation. Outstanding Comments: PI#s team, funded under the ONR Nano electronics program, has made several breakthroughs in 2D materials and their Heterostructures. The requested instrumentation constitutes one comprehensive system that will allow automated transfer and simultaneous in situ characterization of their electronic, magnetic, and optical properties and maximizing the impact of their ONR-supported projects.3. The potential that the proposed equipment or instrumentation offers to enhance the institutions ability to educate future scientists and engineers through research conducted with the proposed equipment in disciplines important to DoD missions. Outstanding Comments: Northwestern University has an outstanding tradition and track record of carrying out DoD sponsored research projects. The proposed instrumentation will significantly enhance their capabilities in 2D materials research and contribute to training future DoD workforce. OVERALL RATING: Outstanding OVERALL COMMENTS: I strongly recommend funding of this DURIP proposal. FY19 DURIP Evaluation Sheet:1. The impact of the proposed equipment or instrumentation on research DoD funds, or plans to fund, and/or the likelihood that the proposed equipment or instrumentation will enhance current research capabilities or establish new research capabilities relevant to DoD areas of interest; Outstanding Comments: The proposal builds off of PI#s previous ONR-funded work to fabricate and test a diverse range of surface engineered van der Waals Heterostructures, and is seeking instrumentation that will enable comprehensive electronic, magnetic, and optical characterization of these materials.2. The importance and priority to DoD missions of the research to be supported by the proposed equipment or instrumentation. Outstanding Comments: PI's team, funded under the ONR Nano electronics program, has made several breakthroughs in 2D materials and their Heterostructures. The requested instrumentation constitutes one comprehensive system that will allow automated transfer and simultaneous in situ characterization of their electronic, magnetic, and optical properties and maximizing the impact of their ONR-supported projects.3. The potential that the proposed equipment or instrumentation offers to enhance the institution's ability to educate future scientists and engineers through research conducted with the proposed equipment in disciplines important to DoD missions. Outstanding Comments: Northwestern University has an outstanding tradition and track record of carrying out DoD sponsored research projects. The proposed instrumentation will significantly enhance their capabilities in 2D materials research and contribute to training future DoD workforce. OVERALL RATING: Outstanding OVERALL COMMENTS: I strongly recommend funding of this DURIP proposal.

Internal Note:

N/A

Notes to Acquisition:

N/A

Notes to Financial Mgmt.:

N/A

Progress Notes:

N/A

Header Approval Note:

N/A

Special Requirements:

N/A

Grant Clearance Additional Inf.:

N/A

Date Signed:

07022018

PAGE 3 of 3

Equipment Justification:

N/A

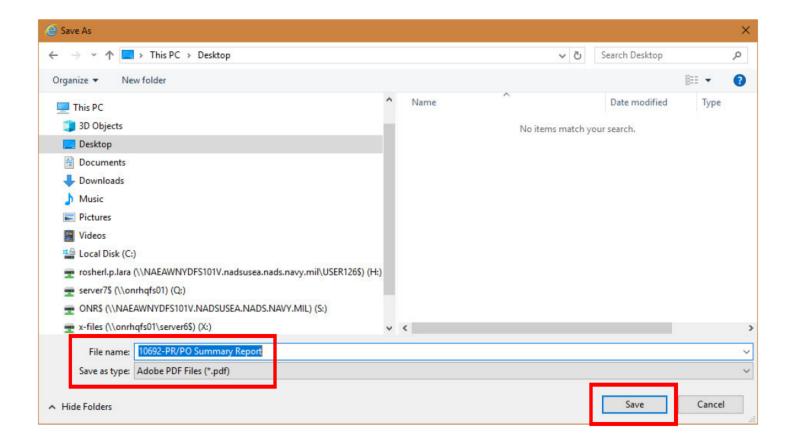
Vendor Proposal Number: SP0050386 Animal, Human, rDNA Keywords 1 N/A Animal, Human, rDNA Keywords 2 N/A Animal, Human, rDNA Keywords 3 N/A Animal Use N Animal Human Use Objective: Animal Human Use Approach: N/A Animal Type 1 N/A Animal Type 2 N/A Animal Type 3 N/A Animal Type 4 N/A Animal Type 5 N/A Navy Addendum Number 1 N/A Navy Addendum Number 2 N/A Navy Addendum Number 3 N/A Naval Research & Dev 1 N/A Naval Research & Dev 2 N/A Naval Research & Dev 3 N/A Naval Research & Dev 4 N/A National Marine Fisheries Serv. Permit N/A Human Subject N RDNA N Stem Cell N Conference Information: N/A **Equipment Description:**

Click on the save icon on the left to save a copy of the PR/PO Summary Report.

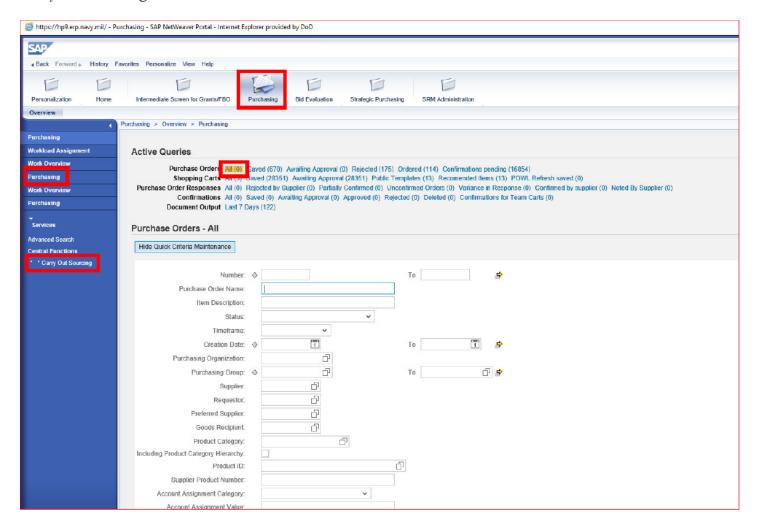


PIC #6

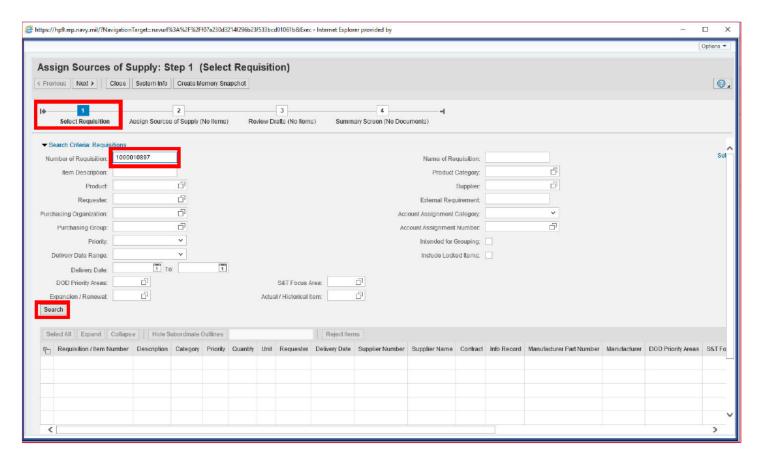
Save a copy of the PR/PO Summary Report as a PDF using the last 5 digits of the Shopping Cart Number. This will need to be uploaded to PPS later after the PO has been created.



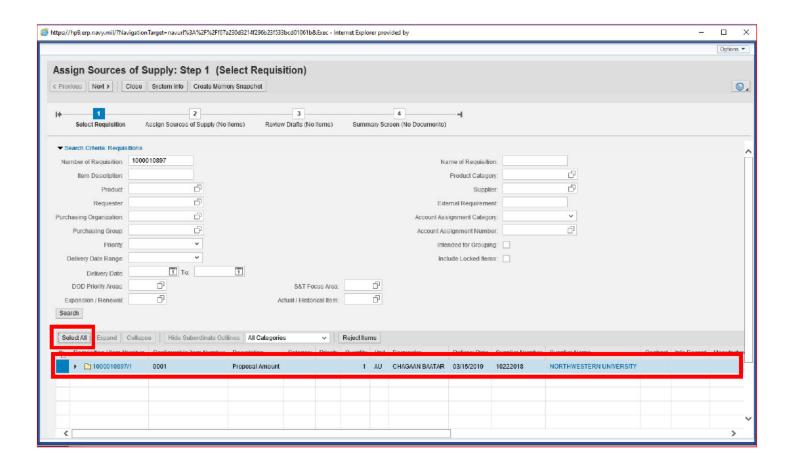
Click on the *Purchasing tab* on top icon
Do the same for *Purchasing* on the left side of the screen
Click on *All* next to Purchase Orders and
Carry Out Sourcing which is located at the bottom left



Step 1 (Select Requisition): Enter your PR number on the Number of Requisition box and Click on *Search* located at the bottom of the screen



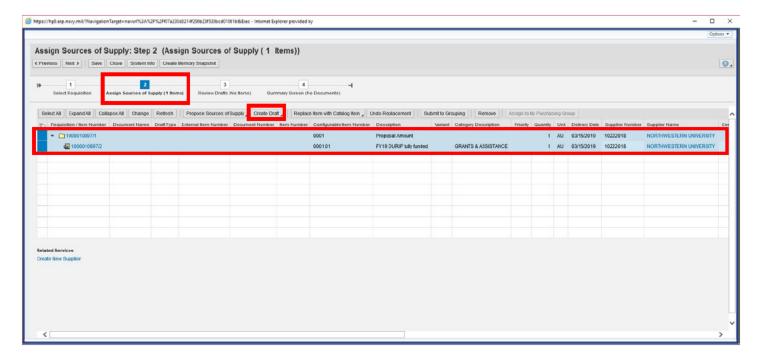
The search result will bring up the Line Item info at the bottom Highlight line items by selecting *Select All* button



Step 2 (Assign Sources of Supply): All item numbers should be highlighted in BLUE. The same Supplier Name should appear on all item numbers

After you have Expanded All and Selected All

Click on the Create Draft purchase order



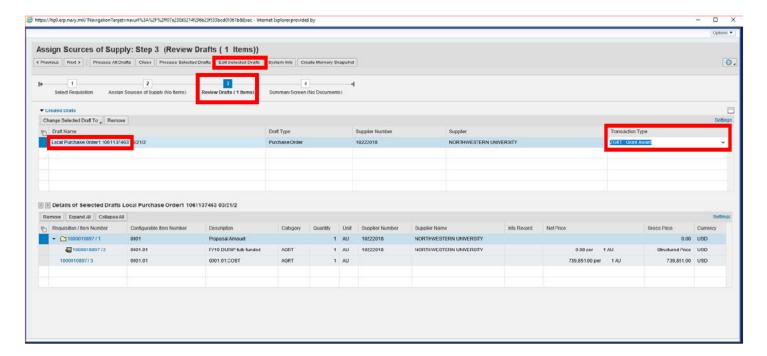
Step 3 (Review Drafts): The "Local Purchase Order" is now created. Click on the Transaction Type

Select ZGRT: Grant Award from the drop-down menu

Verify that only ONE Local Purchase Order line is created

Click on Edit Selected Drafts at the top

Note the Smart Number (Grant Number) and Purchase Order Number onto the PR/PO Summary Report Click Save



Your PO is now created! Note the *Smart Number (Grant Number)* and *Purchase Order Number* onto the PR/PO Summary Report

Each tab (Overview, Header, Items, Notes and Attachments, Approval, Tracking) will need to be reviewed for accuracy, corrections, and missing data.

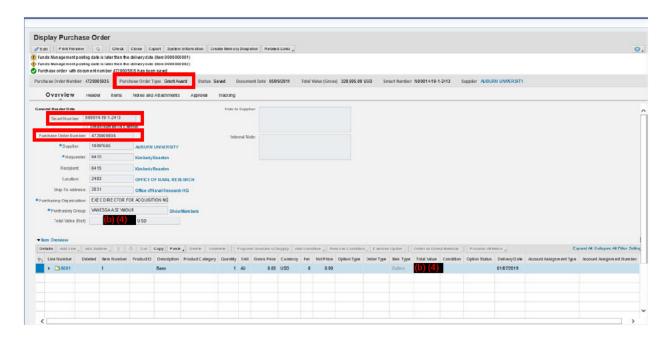
You now have a Purchase Order Number starting with 472. Purchase Order type should be "Grant Award." Status should read "Approved." Total Value (Gross) should match your SF424 page 2. Smart Number is your grant number and it should start with N00014-19-1-XXXX (there will be numbers where the X is).

The first set of info is "Notes" and the second set is "Attachments." When in edit mode, the "Add" button allows you to add Notes or Attachments. The "Blue" words are hyperlinks.

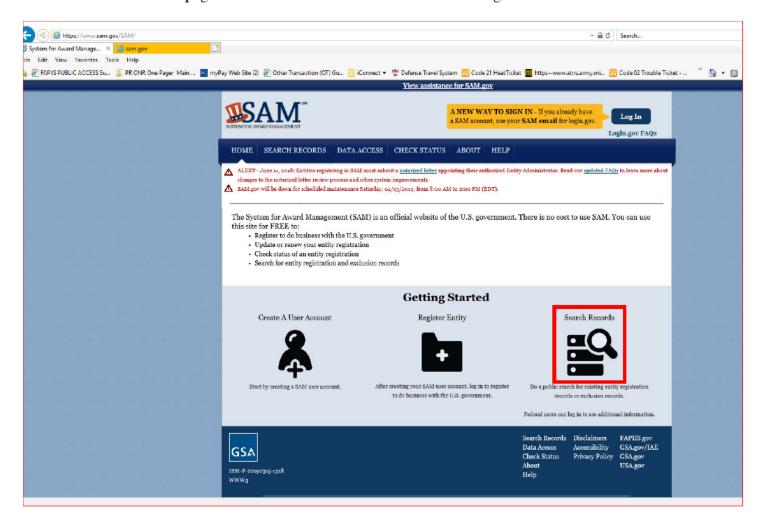
To add "Notes" to page 5 of the grant award, while in "Edit" mode go to "Notes" section and "Add" a "Special Requirements" box. You can type or cut and paste info into text box and it will appear on page 5.

Specialist should review attachments for completeness and accuracy.

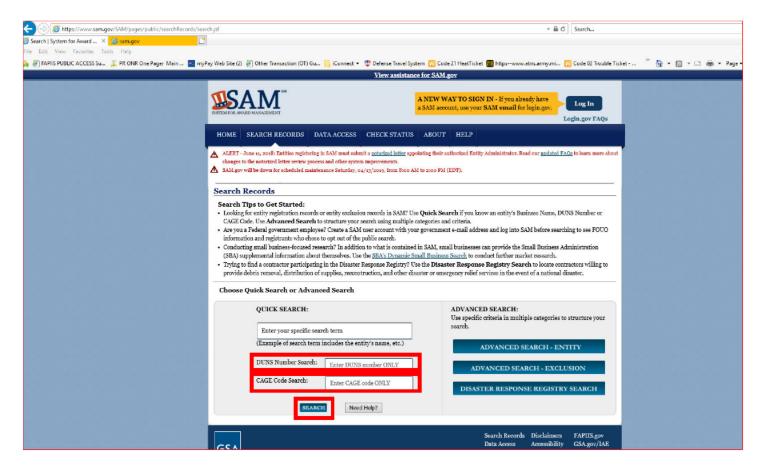
Reviewer should ensure that the MS Word file for PR/PO, SAM, FAPIIS, and EDA documents are all uploaded to PPS before award execution.



Below is the SAM home page. Click on Search Records icon at bottom right.



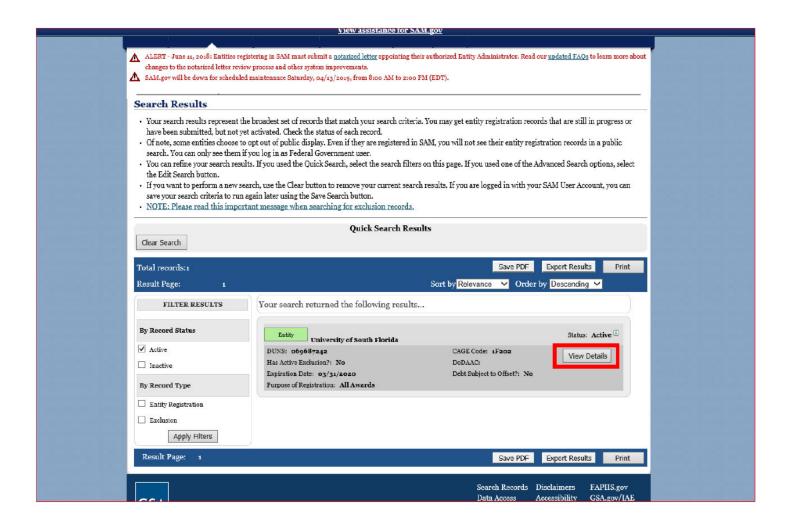
Populate *either* the DUNS *or* CAGE Code Click *Search*



SAM search results will provide data.

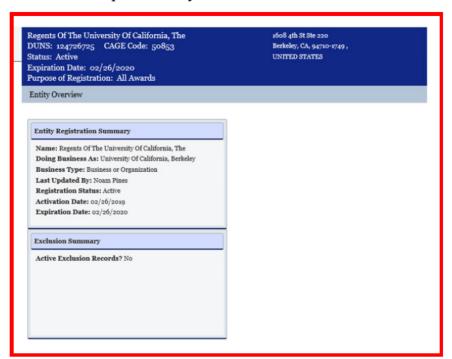
NOTE: It is imperative to note the that there are NO Active Exclusions and the Expiration Date has not lapsed. Ensure you are verifying the correct Entity.

Click on View Details to expand the selection for more information.

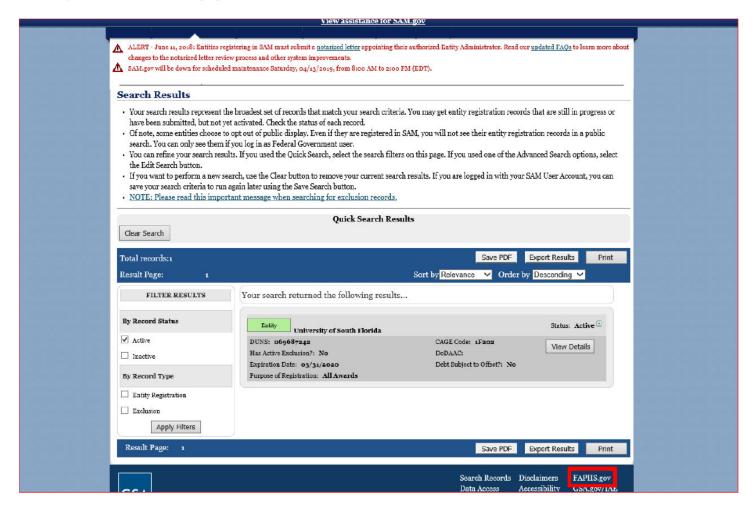


Take a screenshot, copy and paste onto MS Word document and save as a PDF by clicking the "Save PDF" button below. The document should be saved to a temporary file to be uploaded to the PPS award file after the FAPIIS and EDA has been consolidated into the file.

This is an example of what your document should look like.

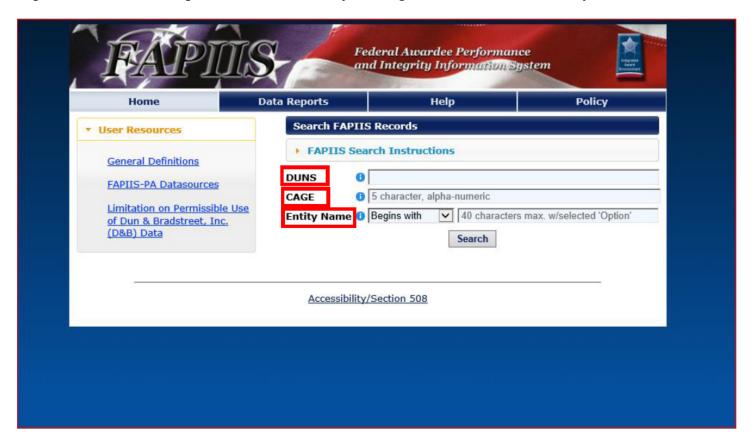


In order to get to the FAPIIS window, click on FAPIIS.gov on the bottom right hand corner of the page on the SAM Quick Search Results page.

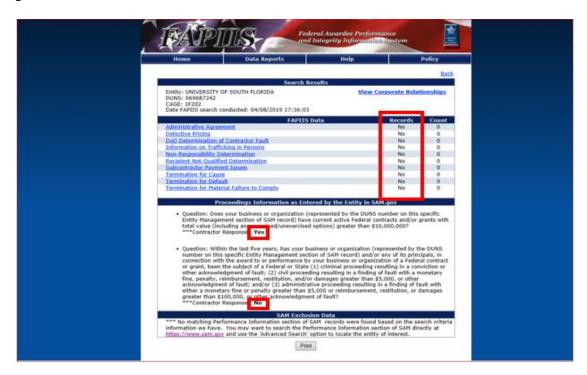


This is what the FAPIIS search page should look like.

Populate one of the boxes provided on the below by entering the DUNS, CAGE or Entity Name.



Below is the FAPIIS search results page. Capture a screenshot and save it to Microsoft Word to upload to PPS. Below is how you should ordinarily see the page. There will be occasions when there are different answers below. If any of the Record column indicate *Yes*, please contact Veronica Lacey or Vanessa Seymour for further guidance.



Click on the Contract Notification Link





Enter the *Grant Number* on the box provided Click on *View List*



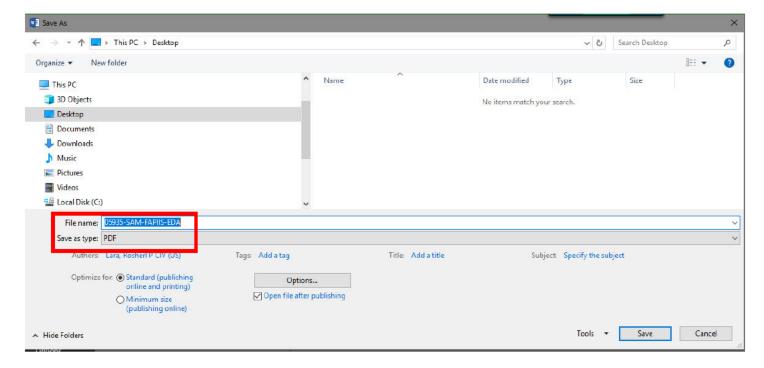
Populate the necessary information on the table (*e-mail address*, *first name and last name*) Check the *box* to notify this single list for all contract activity including notifications and delivery orders. Otherwise the POC's listed will not receive a notification.

Click on submit

A message that states *Last Updated on*... *By*:... on the bottom of the table will appear Take a screenshot copy to word document and convert to PDF to upload in the PPS Award File

V	ntract numbers must not contain spaces, sli iew List				
	nail addresses below will be automatically r theck this box to notify this single list for all E-Mail Address (*required)			A DESCRIPTION OF THE PROPERTY OF THE PARTY O	r for Contract N00014
	mdasta@berkeley.edu	Mark	Asta		
	WILLIAM.M.MULLINS@NAVY.MIL	William	Mullins		
	dweldon@berkeley.edu	David	Weldon		
					New Entry
					New Entry
					New Entry
					New Entry
					New Entry

To ensure a standardized naming convention, save the file and utilize the last 5 digits of the PO number (example: 05935-SAM-FAPIIS-EDA.pdf)
Upload in the PPS Award File



Uploading the following documents to PPS:

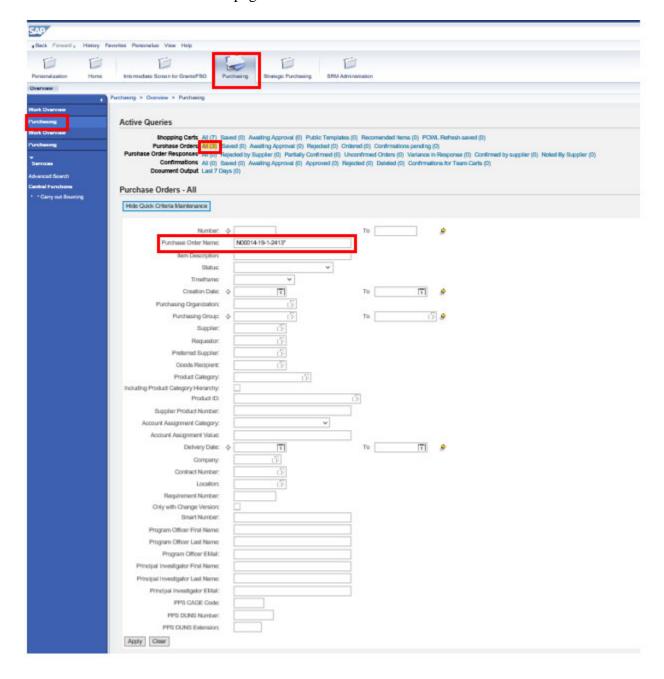
- a. EDA-FAPIIS-SAM
- b. PR/PO Summary Report

Click on the *Purchasing Tab* icon located on top of the page

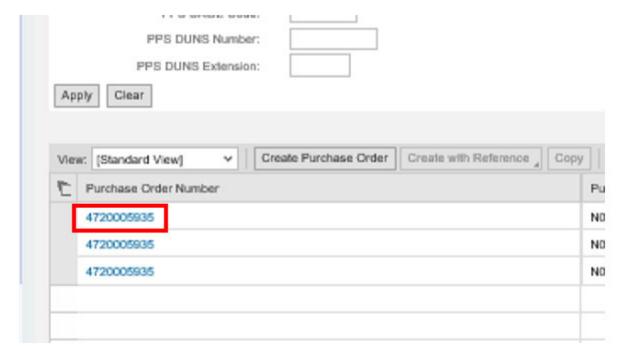
Click on *Purchasing* located on the left side of the screen

Click on the *All* link next to Purchase Orders. The Purchase Order Name box will already be pre-populated with the Smart/Grant number since the PO has already been created

Scroll down at the bottom of the page and click on the PO number link

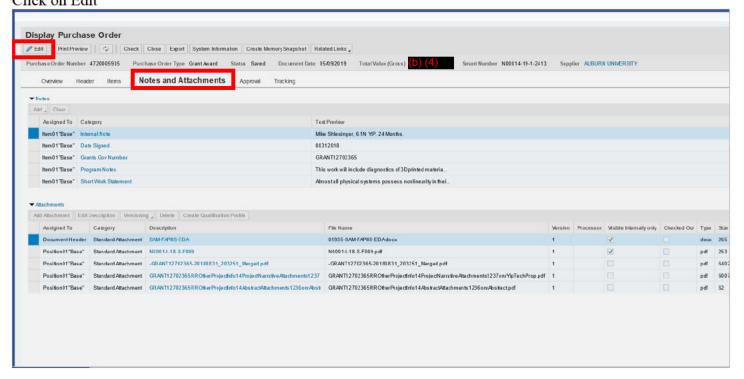


Scroll down at the bottom of the page and click on the PO number link

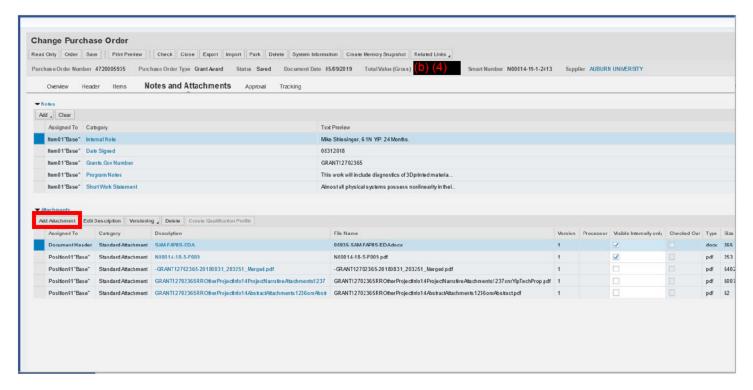


PIC #26

Go to the Notes and Attachments tab Click on Edit



This will take it out of the edit mode and the Add Attachment button will now be clickable



PIC 28

Click on Browse... and pick the appropriate file that needs to be uploaded to PPS Click Ok

Add Attachment



Description:

★Assign To: General Data ▼

Visible Internally only: <a>Visible Internal Keep this attachment internal



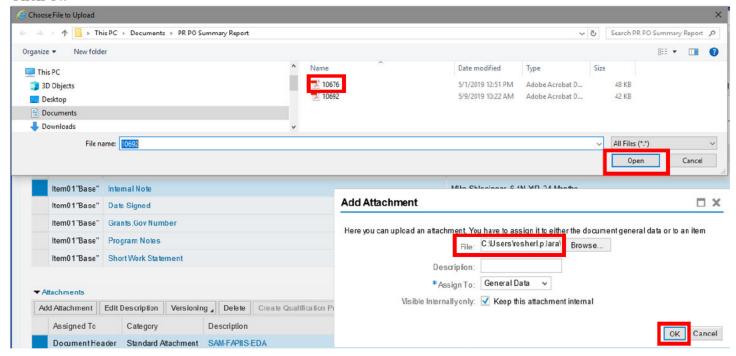
 $\square \times$

Click on the PO/PR Summary Report PDF file that you want to upload

Click Open

The box next to File will be populated

Click Ok



PIC #30

The uploaded PDF file will now appear under the Attachments column as a conf<u>irmation that the file has been</u> uploaded successfully

